

Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 17571  
Application ID: 10064949  
Title of Invention: NON-LINEAR ELECTRONICS FOR  
SENSING MAXIMUM DYNAMIC  
RANGE  
First Named Inventor: Michael Tignor  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-09-03  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 41PR-9039  
Digital Certificate Holder: cn=Robert B. Reeser, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: 9xf5EyzfLvbmByM8oW7AQw==  
Total Fees Authorized: \$972.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 12384  
Deposit Account Name: Robert B. Reeser III



# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

41PR-  
9039

Submission Type: Utility Patent  
Filing

## NON-LINEAR ELECTRONICS FOR SENSING MAXIMUM DYNAMIC RANGE

First Named Inventor: Michael S. Tignor

### SUBMITTED BY

Name:	Robert B. Reeser III
Registration Number:	45548
Electronic Signature Mark: Robert B. Reeser III	Date Signed: 20020903

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	Dec1.tif
declaration	Dec2.tif
bibd-transmittal	12552-357apds.xml
patent-assignments	12552-357asgn.xml

us-information-disclosure-statement  
fee-transmittal  
specification

12552-357ids.xml  
12552-357fee.xml  
Document4.xml

**Attached Image File(s):**

Dec1.tif  
Dec2.tif

Comments:



## COMBINED DECLARATION AND POWER OF ATTORNEY

**Attorney Docket No.**  
**41PR-9039**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

**SOLE OR FIRST INVENTOR:**

**Full Name:** Michael S. Tignor

Signature: Michael L. Tignor

Date: Aug. 8, 2002

**Residence:** 59 Princeton Terrace, Watertown, Connecticut 06795

**Citizenship:** U.S.A.

**Post Office Address:** Same as above

**SECOND JOINT INVENTOR, IF ANY:**

**Full Name:** \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

**Citizenship:** \_\_\_\_\_

Post Office Address: \_\_\_\_\_

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 972**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 01-2384



Deposit Account Name: ARMSTRONG TEASDALE LLP

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Robert B. Reeser III

Electronic Signature Mark: Robert B. Reeser III

Date Signed: 20020903

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 26	103	\$ 18	6	\$ 108
Independent Claims: 4	102	\$ 84	1	\$ 84

Subtotal For Extra Claims Fees: \$ 192

[illegible]App\_ID=10064949